

United Curriculum: Computing

(Teach Computing)



	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Autumn 1	<p>Computing systems and networks</p> <p>Technology around us</p> <p>Technology in our homes</p> <p>Curiosity</p>	<p>Computing systems and networks</p> <p>IT around us</p> <p>Technology in our school</p>	<p>Computing systems and networks</p> <p>Connecting computers</p> <p>Look at our school network</p>	<p>Computing systems and networks</p> <p>The internet</p> <p>What does my family use the internet for?</p>	<p>Computing systems and networks</p> <p>Sharing information</p> <p>Respect</p>	<p>Computing systems and networks</p> <p>Communication</p> <p>Ways in which our families communicate on the internet</p> <p>Respect</p>
Autumn 2	<p>Programming</p> <p>Moving a robot</p> <p>Geography – Here I am</p> <p>Curiosity</p>	<p>Programming</p> <p>Robot algorithms</p> <p>Curiosity</p>	<p>Programming</p> <p>Sequence in music</p>	<p>Creating media</p> <p>Photo editing</p>	<p>Creating Media</p> <p>Vector drawing</p> <p>Create labels for our classroom</p>	<p>Programming</p> <p>Variables in games</p>
Spring 1	<p>Creating media</p> <p>Digital painting</p> <p>Creating a flower from our school grounds</p>	<p>Creating media</p> <p>Making music</p> <p>Science – Living things and their habitats</p>	<p>Data and information</p> <p>Branching databases</p> <p>Science – Living organisms</p> <p>Ask my peers questions for my database</p>	<p>Data and information</p> <p>Data logging</p> <p>Science – States of matter</p>	<p>Programming</p> <p>Selection in physical computing</p> <p>DT – Mechanisms</p>	<p>Creating Media</p> <p>3D modelling</p> <p>Art – Sculpture</p>
Spring 2	<p>Data and information</p> <p>Grouping data</p> <p>Science – Everyday materials</p> <p>Group objects that are in the classroom</p>	<p>Data and information</p> <p>Pictograms</p> <p>Science – Living things and their habitats</p> <p>Go on a minibeast hunt around school</p> <p>Curiosity</p>	<p>Creating media</p> <p>Animation</p> <p>Science – Plants</p> <p>Geography – Investigation mountains and volcanoes</p>	<p>Creating media</p> <p>Audio editing</p> <p>Science – Sound</p> <p>Produce a podcast about Abbey Hey Primary</p> <p>Civility</p>	<p>Programming</p> <p>Selection in quizzes</p>	<p>Data and information</p> <p>Spreadsheets</p>
Summer 1	<p>Programming</p> <p>Introduction to animation</p> <p>DT – Moving pictures</p>	<p>Creating media</p> <p>Digital photography</p> <p>Art – Digital art</p>	<p>Programming</p> <p>Events and actions</p>	<p>Programming</p> <p>Repetition in shapes</p>	<p>Creating media</p> <p>Video editing</p> <p>Create a video in the local environment</p> <p>Civility</p>	<p>Programming</p> <p>Sensing</p> <p>Science – Functions of the human body</p>
Summer 2	<p>Creating media</p> <p>Digital writing</p>	<p>Programming</p> <p>Introduction to quizzes</p>	<p>Creating media</p> <p>Desktop publishing</p> <p>Geography – Looking at Europe</p>	<p>Programming</p> <p>Repetition in games</p>	<p>Data and information</p> <p>Flat file databases</p> <p>Geography – Climate across the world</p>	<p>Creating media</p> <p>Webpage creation</p> <p>Create a school webpage</p>